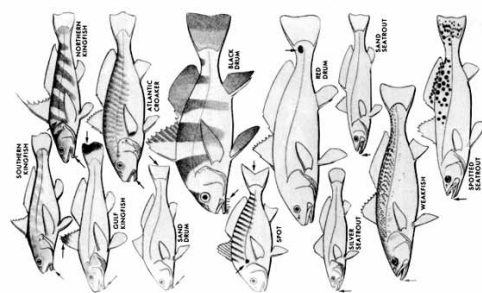


## Appendix 36. Sand seatrout, ID, measurement and sample extraction instructions



**Next 4 species:** Stout barbed on chin. 2nd dorsal fin long. Mouth pointed. Small head.

**SOUTHERN KINGFISH** *Meristichthys argenteus*  
Sides silvery, with 7-8 diagonal faint dusky bands.

**NORTHERN KINGFISH** *Meristichthys saxatilis*  
Bars on body bold. Bar at nape forms "v" with 1st bar on body.

**GULF KINGFISH** *Meristichthys littoralis*  
Sides silvery. Black caudal fin tip. Dusky 1st dorsal fin tip.

**SAND DRUM** *Umbrina coroides*  
Fairly stout. Caudal fin squared-off.

**Next 2 species:** Many small barbels on lower jaw. Size: Medium to large.

**ATLANTIC CROAKER** *Micropogonias undulatus*  
Dusky crown. Broad base of snout. Barbels tiny.

**BLACK DRUM** *Pagrus cromie*  
Body deep, with 4-5 broad black bars. Fins blackish. Barbels long.

**Next 2 species:** No barbels. Mouth large, inferior. Size: Medium to large.

**SPOT** *Leiostomus xanthurus*  
Dark shoulder spot. 12-15 diagonal lines. Caudal fin forked.

**RED DRUM** *Sciaenops ocellatus*  
Elongate. Bronzish. Black spot or spots at base of caudal fin.

**Next 4 species:** Elongate, trout-shaped. Protruding lower jaw. 1st dorsal fin long. 2nd dorsal fin short. 2nd dorsal fin with 8-10 rays.

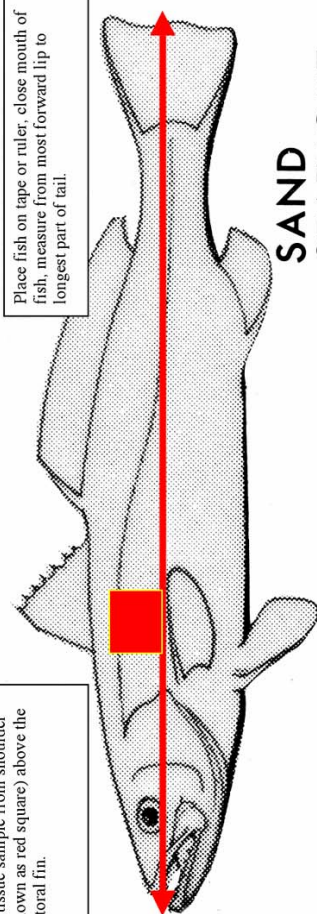
**SILVER SEATRUT** *Cynoscion nebulosus*  
Like Sand Seatrout, but with 8-10 rays in anal fin and 27-29 soft rays in dorsal fin.

**SAND SEATRUT** *Cynoscion arenarius*  
Pale, plain. Yellowish brown above; silvery below.

**WEAKFISH** *Cynoscion regalis*  
Many small spots above, sometimes in diagonal rows.

**SPOTTED SEATRUT** *Cynoscion nebulosus*  
Large black spots on upper side and on 2nd dorsal and caudal fins.

Extract tissue sample from shoulder area (shown as red square) above the left pectoral fin.



### SAND SEATRUT

Place fish on tape or ruler, close mouth of fish, measure from most forward lip to longest part of tail.

### SAND SEATRUT\*\*\* (White Trout, Sand Trout)

*Cynoscion arenarius*

Silvery with yellow tint above, silver below. Dorsal fins completely separate, 10 to 11 rays in anal fin. Fins usually yellowish. No spots. Darkened area at base of pectorals. Small canine teeth present. Eyes moderate. Normally confused with silver seatrout and both referred to as white trout.

Average up to 1 pound

